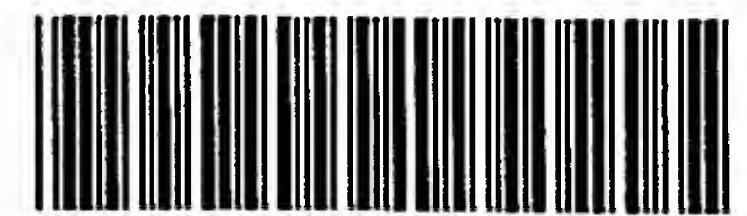


RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/586,125
Source: IFWP
Date Processed by STIC: 7/26/06

ENTERED



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/586,125

DATE: 07/26/2006
TIME: 14:27:59

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3 <110> APPLICANT: Lye, Stephen
4           Dong, Xuesen
6 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING A STEROID RECEPTOR
8 <130> FILE REFERENCE: MTS6USA
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/586,125
C--> 11 <141> CURRENT FILING DATE: 2006-07-14
13 <150> PRIOR APPLICATION NUMBER: 60/536,598
14 <151> PRIOR FILING DATE: 2004-01-15
16 <160> NUMBER OF SEQ ID NOS: 22
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 707
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
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26 <308> DATABASE ACCESSION NO: P23246
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30 <300> PUBLICATION INFORMATION:
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47           20          25          30
50 Ser Pro Pro Pro Gly Met Gly Leu Asn Gln Asn Arg Gly Pro Met Gly
51           35          40          45
54 Pro Gly Pro Gly Gln Ser Gly Pro Lys Pro Pro Ile Pro Pro Pro Pro
55           50          55          60
58 Pro His Gln Gln Gln Gln Pro Pro Pro Gln Gln Pro Pro Pro Gln
59 65           70          75          80
62 Gln Pro Pro Pro His Gln Pro Pro Pro His Pro Gln Pro His Gln Gln
63           85          90          95
66 Gln Gln Pro Pro Pro Pro Gln Asp Ser Ser Lys Pro Val Val Ala
67           100         105         110
70 Gln Gly Pro Gly Pro Ala Pro Gly Val Gly Ser Ala Pro Pro Ala Ser
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/586,125

DATE: 07/26/2006
TIME: 14:27:59

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 75 130 135 140
 78 Ser Gly Pro Gly Pro Thr Pro Thr Pro Pro Ala Val Thr Ser Ala
 79 145 150 155 160
 82 Pro Pro Gly Ala Pro Pro Pro Thr Pro Pro Ser Ser Gly Val Pro Thr
 83 165 170 175
 86 Thr Pro Pro Gln Ala Gly Gly Pro Pro Pro Pro Ala Ala Val Pro
 87 180 185 190
 90 Gly Pro Gly Pro Gly Pro Lys Gln Gly Pro Gly Pro Gly Gly Pro Lys
 91 195 200 205
 94 Gly Gly Lys Met Pro Gly Gly Pro Lys Pro Gly Gly Pro Gly Leu
 95 210 215 220
 98 Ser Thr Pro Gly Gly His Pro Lys Pro Pro His Arg Gly Gly Glu
 99 225 230 235 240
 102 Pro Arg Gly Gly Arg Gln His His Pro Pro Tyr His Gln Gln His His
 103 245 250 255
 106 Gln Gly Pro Pro Pro Gly Gly Pro Gly Gly Arg Ser Glu Glu Lys Ile
 107 260 265 270
 110 Ser Asp Ser Glu Gly Phe Lys Ala Asn Leu Ser Leu Leu Arg Arg Pro
 111 275 280 285
 114 Gly Glu Lys Thr Tyr Thr Gln Arg Cys Arg Leu Phe Val Gly Asn Leu
 115 290 295 300
 118 Pro Ala Asp Ile Thr Glu Asp Glu Phe Lys Arg Leu Phe Ala Lys Tyr
 119 305 310 315 320
 122 Gly Glu Pro Gly Glu Val Phe Ile Asn Lys Gly Lys Gly Phe Gly Phe
 123 325 330 335
 126 Ile Lys Leu Glu Ser Arg Ala Leu Ala Glu Ile Ala Lys Ala Glu Leu
 127 340 345 350
 130 Asp Asp Thr Pro Met Arg Gly Arg Gln Leu Arg Val Arg Phe Ala Thr
 131 355 360 365
 134 His Ala Ala Ala Leu Ser Val Arg Asn Leu Ser Pro Tyr Val Ser Asn
 135 370 375 380
 138 Glu Leu Leu Glu Glu Ala Phe Ser Gln Phe Gly Pro Ile Glu Arg Ala
 139 385 390 395 400
 142 Val Val Ile Val Asp Asp Arg Gly Arg Ser Thr Gly Lys Gly Ile Val
 143 405 410 415
 146 Glu Phe Ala Ser Lys Pro Ala Ala Arg Lys Ala Phe Glu Arg Cys Ser
 147 420 425 430
 150 Glu Gly Val Phe Leu Leu Thr Thr Pro Arg Pro Val Ile Val Glu
 151 435 440 445
 154 Pro Leu Glu Gln Leu Asp Asp Glu Asp Gly Leu Pro Glu Lys Leu Ala
 155 450 455 460
 158 Gln Lys Asn Pro Met Tyr Gln Lys Glu Arg Glu Thr Pro Pro Arg Phe
 159 465 470 475 480
 162 Ala Gln His Gly Thr Phe Glu Tyr Glu Tyr Ser Gln Arg Trp Lys Ser
 163 485 490 495
 166 Leu Asp Glu Met Glu Lys Gln Gln Arg Glu Gln Val Glu Lys Asn Met
 167 500 505 510
 170 Lys Asp Ala Lys Asp Lys Leu Glu Ser Glu Met Glu Asp Ala Tyr His

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/586,125

DATE: 07/26/2006
TIME: 14:27:59

Input Set : A:\MTS6USA seq list.txt
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171	515	520	525
174	Glu His Gln Ala Asn Leu Leu Arg Gln Asp Leu Met Arg Arg Gln Glu		
175	530	535	540
178	Glu Leu Arg Arg Met Glu Glu Leu His Asn Gln Glu Met Gln Lys Arg		
179	545	550	555
182	Lys Glu Met Gln Leu Arg Gln Glu Glu Glu Arg Arg Arg Glu Glu		560
183	565	570	575
186	Glu Met Met Ile Arg Gln Arg Glu Met Glu Glu Gln Met Arg Arg Gln		
187	580	585	590
190	Arg Glu Glu Ser Tyr Ser Arg Met Gly Tyr Met Asp Pro Arg Glu Arg		
191	595	600	605
194	Asp Met Arg Met Gly Gly Gly Ala Met Asn Met Gly Asp Pro Tyr		
195	610	615	620
198	Gly Ser Gly Gly Gln Lys Phe Pro Pro Leu Gly Gly Gly Gly Ile		
199	625	630	635
202	Gly Tyr Glu Ala Asn Pro Gly Val Pro Pro Ala Thr Met Ser Gly Ser		640
203	645	650	655
206	Met Met Gly Ser Asp Met Arg Thr Glu Arg Phe Gly Gln Gly Gly Ala		
207	660	665	670
210	Gly Pro Val Gly Gly Gln Gly Pro Arg Gly Met Gly Pro Gly Thr Pro		
211	675	680	685
214	Ala Gly Tyr Gly Arg Gly Arg Glu Glu Tyr Glu Gly Pro Asn Lys Lys		
215	690	695	700
218	Pro Arg Phe		
219	705		
222	<210> SEQ ID NO: 2		
223	<211> LENGTH: 707		
224	<212> TYPE: PRT		
225	<213> ORGANISM: Homo sapiens		
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238	His Arg Arg Gly Gly Gly Gly Arg Gly Gly Leu His Asp Phe Arg		15
239	20	25	30
242	Ser Pro Pro Pro Gly Met Gly Leu Asn Gln Asn Arg Gly Pro Met Gly		
243	35	40	45
246	Pro Gly Pro Gly Gln Ser Gly Pro Lys Pro Pro Ile Pro Pro Pro Pro		
247	50	55	60
250	Pro His Gln Gln Gln Gln Pro Pro Pro Gln Gln Pro Pro Pro Gln		
251	65	70	75
254	Gln Pro Pro Pro His Gln Pro Pro Pro His Pro Gln Pro His Gln Gln		80
255	85	90	95
258	Gln Gln Pro Pro Pro Pro Gln Asp Ser Ser Lys Pro Val Val Ala		
259	100	105	110
262	Gln Gly Pro Gly Pro Ala Pro Gly Val Gly Ser Thr Pro Pro Ala Ser		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/586,125

DATE: 07/26/2006
TIME: 14:27:59

Input Set : A:\MTS6USA seq list.txt
Output Set: N:\CRF4\07262006\J586125.raw

263	115	120	125	
266	Ser Ser Ala Pro Pro Ala Thr Pro Pro Thr Ser Gly Ala Pro Pro Gly			
267	130	135	140	
270	Ser Gly Pro Gly Pro Thr Pro Thr Pro Pro Ala Val Thr Ser Ala			
271	145	150	155	160
274	Pro Pro Gly Ala Pro Pro Pro Thr Pro Pro Ser Ser Gly Val Pro Thr			
275	165	170	175	
278	Thr Pro Pro Gln Ala Gly Gly Pro Pro Pro Pro Ala Ala Val Pro			
279	180	185	190	
282	Gly Pro Gly Pro Gly Pro Lys Gln Gly Pro Gly Pro Gly Gly Pro Lys			
283	195	200	205	
286	Gly Gly Lys Met Pro Gly Gly Pro Lys Pro Gly Gly Pro Gly Leu			
287	210	215	220	
290	Ser Thr Pro Gly Gly His Pro Lys Pro Pro Arg Arg Gly Gly Glu			
291	225	230	235	240
294	Pro Arg Gly Gly Arg Gln His His Pro Pro Tyr His Gln Gln His His			
295	245	250	255	
298	Gln Gly Pro Pro Pro Gly Gly Pro Gly Gly Arg Ser Glu Glu Lys Ile			
299	260	265	270	
302	Ser Asp Ser Glu Gly Phe Lys Ala Asn Leu Ser Leu Leu Arg Arg Pro			
303	275	280	285	
306	Gly Glu Lys Thr Tyr Thr Gln Arg Cys Arg Leu Phe Val Gly Asn Leu			
307	290	295	300	
310	Pro Ala Asp Ile Thr Glu Asp Glu Phe Lys Arg Leu Phe Ala Lys Tyr			
311	305	310	315	320
314	Gly Glu Pro Gly Glu Val Phe Ile Asn Lys Gly Lys Gly Phe Gly Phe			
315	325	330	335	
318	Ile Lys Leu Glu Ser Arg Ala Leu Ala Glu Ile Ala Lys Ala Glu Leu			
319	340	345	350	
322	Asp Asp Thr Pro Met Arg Gly Arg Gln Leu Arg Val Arg Phe Ala Thr			
323	355	360	365	
326	His Ala Ala Ala Leu Ser Val Arg Asn Leu Ser Pro Tyr Val Ser Asn			
327	370	375	380	
330	Glu Leu Leu Glu Glu Ala Phe Ser Gln Phe Gly Pro Ile Glu Arg Ala			
331	385	390	395	400
334	Val Val Ile Val Asp Asp Arg Gly Arg Ser Thr Gly Lys Gly Ile Val			
335	405	410	415	
338	Glu Phe Ala Ser Lys Pro Ala Ala Arg Lys Ala Phe Glu Arg Cys Ser			
339	420	425	430	
342	Glu Gly Val Phe Leu Leu Thr Thr Pro Arg Pro Val Ile Val Glu			
343	435	440	445	
346	Pro Leu Glu Gln Leu Asp Asp Glu Asp Gly Leu Pro Glu Lys Leu Ala			
347	450	455	460	
350	Gln Lys Asn Pro Met Tyr Gln Lys Glu Arg Glu Thr Pro Thr Arg Phe			
351	465	470	475	480
354	Ala Gln His Gly Thr Phe Glu Tyr Glu Tyr Ser Gln Arg Trp Lys Ser			
355	485	490	495	
358	Leu Asp Glu Met Glu Lys Gln Gln Arg Glu Gln Val Glu Lys Asn Met			
359	500	505	510	

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/586,125

DATE: 07/26/2006
TIME: 14:27:59

Input Set : A:\MTS6USA seq list.txt
Output Set: N:\CRF4\07262006\J586125.raw

362 Lys Asp Ala Lys Asp Lys Leu Glu Ser Glu Met Glu Asp Ala Tyr His
 363 515 520 525
 366 Glu His Gln Ala Asn Leu Leu Arg Gln Asp Leu Met Arg Arg Gln Glu
 367 530 535 540
 370 Glu Leu Arg Arg Met Glu Glu Leu His Asn Gln Glu Met Gln Lys Arg
 371 545 550 555 560
 374 Lys Glu Met Gln Leu Arg Gln Glu Glu Glu Arg Arg Arg Arg Glu Glu
 375 565 570 575
 378 Glu Met Met Ile Arg Gln Arg Glu Met Glu Asp Gln Met Arg Arg Gln
 379 580 585 590
 382 Arg Glu Glu Ser Tyr Ser Arg Met Gly Tyr Met Asp Pro Arg Glu Arg
 383 595 600 605
 386 Asp Met Arg Met Gly Gly Gly Ala Met Asn Met Gly Asp Pro Tyr
 387 610 615 620
 390 Gly Ser Gly Gly Gln Lys Phe Pro Pro Leu Gly Gly Gly Gly Ile
 391 625 630 635 640
 394 Gly Tyr Glu Ala Asn Pro Gly Val Pro Pro Ala Thr Met Ser Gly Ser
 395 645 650 655
 398 Met Met Gly Ser Asp Met Arg Thr Glu Arg Phe Gly Gln Gly Ala
 399 660 665 670
 402 Gly Pro Val Gly Gly Gln Gly Pro Arg Gly Met Gly Pro Gly Thr Pro
 403 675 680 685
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 407 690 695 700
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 415 <211> LENGTH: 669
 416 <212> TYPE: PRT
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 426 20 25 30
 429 Ser Pro Pro Pro Gly Met Gly Leu Asn Gln Asn Arg Gly Pro Met Gly
 430 35 40 45
 433 Pro Gly Pro Gly Gln Ser Gly Pro Lys Pro Pro Ile Pro Pro Pro Pro
 434 50 55 60
 437 Pro His Gln Gln Gln Gln Pro Pro Pro Gln Gln Pro Pro Pro Gln
 438 65 70 75 80
 441 Gln Pro Pro Pro His Gln Pro Pro Pro His Pro Gln Pro His Gln Gln
 442 85 90 95
 445 Gln Gln Pro Pro Pro Pro Gln Asp Ser Ser Lys Pro Val Val Ala
 446 100 105 110
 449 Gln Gly Pro Gly Pro Ala Pro Gly Val Gly Ser Ala Pro Pro Ala Ser
 450 115 120 125
 453 Ser Ser Ala Pro Pro Ala Thr Pro Pro Thr Ser Gly Ala Pro Pro Gly
 454 130 135 140

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/586,125

DATE: 07/26/2006
TIME: 14:28:00

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Output Set: N:\CRF4\07262006\J586125.raw

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date